

ASSIGNMENT #2

PROG2110 – Relational Databases

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Assumptions

Vehicle Identification Number (VIN)

- The VIN number for a vehicle is a unique ID number that can be used to uniquely identify a vehicle on the order form and in the dealership vehicle list.
- The order form has the VIN numbers listed to show what vehicles are included in the order.

Dealership

- The Dealership keeps track of Customer_ID's as foreign keys to know what customers are working with the dealerships. Customers can use multiple dealerships.
- The Dealership keeps track of Employee_ID's as foreign keys to know what employees work at the dealership. Employees can work at once dealership.
- The Dealership keeps track of vehicle VIN_numbers to keep track of vehicle stock.
- Wally has 3 dealerships and 56 employees. This does not need to be reflected in the diagrams.

Vehicle

- The sticker price is always 35% more than the purchase price of the vehicle from the supplier. The final sales price can be different than the sticker price. This does not need to be reflected in the diagrams.

Employee Dependants

- The employee can have 0 or more dependants. If two employees are married and have the same dependants then they are shared.